Application No. 10/088,522 Reply to Office Action of September 28, 2004

## **ABSTRACT**

A process for characterizing, quantifying or mapping a nucleic acid or a nitrogenous base fixed on a support by using a photothermal (mirage effect) method. An improved process for manufacturing a nucleic acid biochip on which at least one nucleic acid synthesized *in situ* is fixed. A device for implementing these processes.